

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,878,557 B1
DATED : April 12, 2005
INVENTOR(S) : Robert Zambias et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [56], **References Cited**, U.S. PATENT DOCUMENTS, insert

-- 5,510,240 04/1996 Lam et al. --.

OTHER PUBLICATIONS, insert

-- Pirrung *et al.*, *J. Am. Chem. Soc.*, vol. 117, pages 1240-1245 --; and

-- Pirrung *et al.* (Advance ACS Abstract, Vol. 8, No. 1, January 1, 1995). --.

Column 129,

Lines 25-49, replace claim 1 with claim 1 as follows:

1. A method of making a spatially-addressable array of at least 500 different compounds, each of which is in solution, said compounds having a same common linear, branched, or cyclic molecular core comprising at least three atoms of carbon, nitrogen, oxygen, phosphorus, or sulfur and at least two structural diversity elements attached thereto, said array comprising at least a first sub-array and a second sub-array, wherein the compounds composing the first sub-array each have at least one common structural diversity element, and the compounds composing the second sub-array each have at least one common structural diversity element, said method comprising the steps of:

(a) providing at least 500 reaction vessels organized into at least first and second sub-arrays;

(b) adding reactants to each of the reaction vessels in a manner such that, when reacted, the reactants form the compounds of the sub-arrays in the array, wherein each reaction vessel contains substantially only one compound and such that the compounds composing each sub-array differ from one another by one change in a structural diversity element; and

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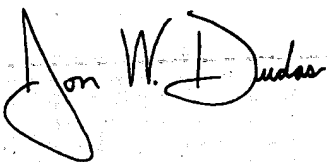
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 129, (cont'd).

(c) concurrently reacting the contents of the reaction vessels under appropriate solution-phase conditions in one or more cycles to form all compounds of the sub-arrays in the array.

Signed and Sealed this

Fourth Day of April, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas", is written over a faint, rectangular grid background.

JON W. DUDAS

Director of the United States Patent and Trademark Office